

DIGITAL IMAGING I: ADOBE PHOTOSHOP

Pierce County Careers Connection Dual Credit Articulation Agreement

Upon completion of a full year of high school or equivalent to the following competencies:

Start-up, Help, and File Management

- Perform
 - Opening Adobe Photoshop
 - Restoring Default Preferences
 - Using Photoshop Help and Adobe Online Services
 - Saving and Exporting Images
- Demonstrate Navigation , Previewing, Searching and Managing Files in Adobe Bridge
 - Viewing and editing files
 - Embedding information for easy identification
 - Searching for files
 - Organizing files as Favorites and Collections
 - Creating a web photo gallery
 - Creating a pdf portfolio
 - Acquiring stock photography
- Prepare Workspace
 - Adjust the monitor display color
 - Use Info Palette
 - Use Navigation Palette

Work with color

- Consistent Color
 - Aware of color management
 - Aware of color work spaces
 - Aware of different color settings

Color Modes

- Understand the color wheel
- Understand the difference between RGB, CMYK, lab, bitmap, grayscale, Duotone, indexed color and multi-channel modes
- Use Mode based on intended final use
- Converting RGB image to Grayscale
- Apply monochrome, duotone, tritone, or quadtone to gray scale
- Channel Palette
 - Understand color channels
 - Create an alpha channel
 - Create a spot channel
 - Selecting and editing channels
- Color picker
 - Set Toolbox foreground, background, default color
 - Select and choose color picker hue and fill or shape layer
 - Gradient editor, layer styles, shapes or pen tool
 - Eyedropper tools
 - Use color field an slider
 - Use numeric values
 - Work in RGB, HSL, and Lab
 - Use Web-Safe colors
 - Alert to warning for non-printable colors
 - Aware of custom color choices

Basic Color Correction

- Understand Color Space and Gamut
- Analyze Correction Needs
 - Identify a sequence of tasks for image color correction
 - Adjust the process for the intended use; web, print, multi-media , etc.
 - Aware of soft-proofing colors for print
 - Determine and adjust the resolution and image size
 - Crop the image
- Apply Adjustments and Sharpen
 - Use a histogram
 - Use adjustments for overall contrast/tonal range (shadow/highlight, levels)
 - Use adjustments for overall color cast
 - Use adjustments for color and tone in specific parts of image (replace color, dodge, sponge tools)
 - Use levels dialog box
 - Use curves dialog box
 - Use hue/saturation command
 - Use color balance command
 - Apply special color effects to images
 - Use channel mixer
 - Sharpen the final image applying a filter (unsharp mask)

Layers: Basic and Advanced

- Using the Layers Palette
 - Rename and copy layers
 - Merge and flatten layers
 - View individual layers
 - Rearrange layers
 - Lock layer; image, transparent, total
 - Change layer and fill opacity
 - Link layers
 - Create layers and layer sets
 - Transform layers
 - Smart objects – grouping layers into smart objects
- Choose Layer Blending Mode and Options
 - Explain base, blend, and result colors during blending
 - Select appropriate blend modes for intended look
 - Group blend effects
 - Specify knockout options
 - Restrict blending to channels
- Use Layer Effects and Styles
 - Scale, copy, paste, clear
 - Select options structure, elements, etc.
- Use Adjustment and Fill Layers
 - Create, edit, and merge adjustments and fills
 - Clip adjustments to layer
- Work with Layer Comps: create, view, apply, and delete
- Mask Layers and Create Clipping Mask
 - Create and edit a layer mask
 - Create and edit a vector mask
 - Unlink

- Apply and discard
- Select opaque area

Work with Selections

- Choose selections method appropriate for object and intended use
- Use geometric selections: Marquee
- Use freehand selections: Lasso
- Use color-based selections: Magic Wand, Color Range, Replace color.
- Use extract filter
- Move and duplicate selected pixels to current or different Layer
- Reposition selection while creating it.
- Feather the selection
- Erase and add to a selection
- Rotate and size a selection
- Use pen tool to create path – convert to selection

Work with Masks

- Create and edit a quick mask
- View a mask using the channels palette
- Save a selection as mask – load a mask as a selection
- Apply filter effect to a masked selection
- Create and apply effects using a gradient mask

Retouching and Repairing

- Repairing flaws and removing unwanted objects
 - Identifying repair and retouching needs
 - Replace pixels using clone tool and selections
 - Make blend repairs and retouching using spot healing, healing brush, and patch tools
 - Use history palette to restore states
- Retouch Portraits
 - Place retouching on separate layers
 - Patch and soften using separate layers
 - Use history palette snapshots

Producing and Printing Consistent Color

- Reproducing colors
- Specifying color – management settings
- Proofing an image
- Identifying out-of-gamut colors
- Adjusting and image and printing a proof
- Saving the image as a separation
- Printing

Filters

- Basic use of filters
- Aware of Memory consumption by filters
- Rasterize for filtration
- Apply filters individually
- Define undistorted areas

- Use the liquefy filter

Painting

- Use paint tools
- Use history and art history brush tools
- Work with brushes
- Set options for painting and editing
- Erase
- Use the gradient tool
- Use the paint bucket tool
- Fill and stroke selections and layers
- Use the pattern maker
- Hand color selections
- Apply painting effects

Correcting and Enhancing Digital Photographs

- *Camera Raw (Optional for Photoshop I)
 - Process Camera Raw Files
 - Adjust white balance and exposure
 - Apply Sharpening
 - Synchronize settings across images
 - Save camera raw changes
- Correcting Digital Photographs
 - Making shadow/highlight adjustments
 - Correcting red eye
 - Reducing noise
 - Sharpen edges
- Editing Image with a Vanishing-Point Perspective
- Correcting Image Distortion

Typography

- Create type
- Work with type layers
- Use interactive formatting controls
- Check for spelling errors
- Add point and paragraph type
- Find and replace text
- Create a clipped mask from type
- Add guides for positioning
- Create a design element from type
- Warping point type
- Apply text to a path

Drawing

- Create vector objects using shape tools
- Editing shapes
- Use pen tools
- Work with and manage paths
- Add color to paths

A student earning a “C” grade or better may earn college credit at the following college:

<u>College</u>	<u>Course</u>	<u>Credits</u>
Clover Park Technical College	GTC 130 (CIP Code: 10.0303)	5